



Dr. Aly ZeinElabdeen Kassem



Academic degree:	Associate Professor
Major Specialization	Food Sciences, Agricultural Economics
Specific Specialization	Industrial Economics, Quality Economics, Project Evaluation
Current Position	Assistant Professor of Agricultural Economics, Department of Agricultural Marketing and Information Systems, Center for Agricultural Planning and Development, Institute of National Planning (INP).
Career History	<ul style="list-style-type: none"> • (2021–Present): Assistant Professor of Agricultural Economics, Center for Agricultural Planning and Development, Institute of National Planning (INP) and the Former Director of the Education Quality Assurance and Accreditation Unit at the INP. • (2016–2021): Lecturer, Center for Agricultural Planning and Development, Institute of National Planning. • (2012–2016): Director of Technical Support and Quality Systems, and Deputy Director of the Food Industries Technology and Agro-Processing Center, Ministry of Industry and Trade. • (2008–2012): Dairy Industry Specialist, Food Industries Technology and Agro-Processing Center, Ministry of Industry and Trade. • (2003–2008): Quality Engineer, then Production Engineer (Tetra Pak), Nile Food Industries Company (Enjoy).
Secondments	<p>Seconded to the following entities:</p> <ul style="list-style-type: none"> • Food Export Council, Ministry of Industry and Trade, as a BRCGS Approved Training Partner (ATP) for food safety and storage & distribution global standards, and as a FSPCA Lead Instructor for Human Food. • Projects: <ul style="list-style-type: none"> ○ <i>Private Sector Innovation in Egypt</i>, implemented by GOPA Worldwide Consultants and funded by GIZ, as National Expert for Food Industries. ○ <i>Strengthening Food Control and Inspection Systems “Tayyib”</i>, funded by the U.S. Department of Agriculture (USDA), as a food safety consultant. ○ <i>USAID Trade Reforms and Development in Egypt (TRADE)</i>, implemented by Land O’Lakes and funded by USAID, as a food safety consultant.



	<ul style="list-style-type: none"> ○ <i>Egypt Rural Agribusiness Strengthening (ERAS)</i>, implemented by Abt Associates and funded by USAID, as a Food Safety Consultant.
Academic Qualifications	<ul style="list-style-type: none"> • The 2nd PhD in African Economics, Politics and Economics Department, Faculty of African Postgraduate Studies, Cairo University (2020). Title: Analysis of Technical Efficiency of Small and Medium Industrial Enterprises in Tanzania: An Econometric Study. • The first PhD in Agricultural Sciences (Agricultural Economics), Faculty of Agriculture, Zagazig University (2013). Title: Economics of Total Quality Management in Dairy Processing Plants in Egypt. • M.Sc. in Agricultural Sciences (Agricultural Economics), Faculty of Agriculture, Zagazig University (2005). Title: Economics of Dairy Manufacturing in Egypt. • Completed Agricultural Economics Courses, Faculty of Agriculture, Zagazig University (2000). • B.Sc. in Food Sciences, Faculty of Agriculture, Ain Shams University (1999).
Professional Experience	<ul style="list-style-type: none"> • Research Experience: Conducting field studies and research; writing academic articles and journalistic reports. • Teaching Experience: Teaching Development Planning and Total Quality Management courses at the academic master program, Institute of National Planning. • Training Experience: SME development, statistical quality control, food safety, halal food, food defense, Good Manufacturing Practices (GMP), HACCP, ISO 22000:2018 Food Safety Management Systems, ISO 9001:2015 Quality Management Systems, occupational health and safety, dairy products manufacturing, marketing and pricing of agricultural products and commodities.
Main Areas of Expertise	Efficiency and productivity analysis, projects evaluation, supply chain and value chain development, food safety economics, agricultural information systems, agricultural marketing, small and medium enterprises (SMEs).
Key Publications	<ol style="list-style-type: none"> 1. Kassem, A.Z. et al., Egyptians' Perception of Halal Food Requirements Before and After The COVID-19 Pandemic: "Social Media Interactive Research-SMIR": A New Approach, Scientific Journal of Agricultural Sciences, Volume (6), Issue (2), June 2024, pp. 212-227. 2. Kassem, AZ, Localization of Supply Chains in Egypt: Policies and Programs with Application on Dairy Products Value Chain to the Supply Chain of Milk and Dairy Products, Egyptian Journal for Development and Planning, Volume (29), Issue (1), June 2021. 3. Kassem, A.Z., Analysis of the competitiveness of Egyptian and Tunisian exports in the fresh and dry date's markets, Scientific Journal of Agricultural Sciences, Volume (3), Issue (1), May 2021, pp. 227-236. 4. Kassem, A.Z., and Maha S. Hassan, Analyzing Relative Export Competitiveness of some



	<p>Vegetables Crops in Egypt, Journal of Agricultural Economics & Rural Development, Suez Canal university, Volume (7), Issue (1), December 2021, pp. 65-78.</p> <p>5. Kassem, A.Z., Analyzing the Exports Performance of Egyptian Tomatos and their Products in the International Markets: the Constant Market Share Approach, Scientific Journal of Agricultural Sciences, Volume (3), Issue (2), December 2021, pp. 327-342.</p> <p>6. Kassem, AZ, Does Temperature Affect Covid-19 Transmission? Frontier in Public Health. (Published on 22 December 2020).</p> <p>7. Kassem, AZ, Do Weather Temperature and Median Age Affect Covid- 19 Transmission? Medrxiv, April, 2020 (Pre-print).</p> <p>8. Kassem, AZ, Zidan, HA & Aboelez NA, Analyzing Technical Efficiency of Small and Medium-Sized Industrial Enterprises in Tanzania Using Two-Stage Data Envelopment analysis, Economic Researcher Review, Algeria, Vol. (8), No. (2), 2020.</p> <p>9. Kassem, AZ, Analyzing Technical Efficiency of Small and Medium-Sized Industrial Enterprises in Tanzania Using Stochastic Frontier Analysis, Journal of North Africa Economics, Algeria, Vol. (16), No. (24), 2020.</p> <p>10. Kassem, AZ , The Domestic Supply Chain and Internal Trade in Egypt Under the Covid-19 Pandemic, Policies papers, Egyptian Journal for Development and Planning, Volume (29), Special issue, November 2020, pp. 197-232.</p> <p>11. Kassem, AZ & Awad Mai, MM, Determinants of Foreign Direct Investment in Egypt's Agriculture, Assuit Journal of Agric. Sci., Vol (50), No. (4), 2019. pp. 191-202</p> <p>12. Kassem, AZ, Analyzing Technical Efficiency of Food & Beverages and Tobacco SMEs in Egypt using two-stage DEA, Egyptian Journal of Agricultural Economics, Vol (28), No. (3), September 2018.</p> <p>13. Kassem AZ & Aboelez NA, Role of Inter-professional Grouping in Strengthening Date SMEs Competitiveness: The Tunisian Experience and Mechanisms of Application in Egypt, El Fangary Prize Competition, Cairo University, August, 2018. (Awarded the Second Prize).</p> <p>14. Kassem, AZ, Applications of information systems in the horticulture marketing in Egypt: a case study of Bashair network, Knowledge Based Economy Conference, Agriculture faculty, Alexandria University, 9 September 2017.</p> <p>15. Kassem, AZ & Abdelmegeed AR, Measuring Technical Efficiency of Small Date Farms in Bahaira Oasis using Data Envelopment Analysis, the annual conference of the Egyptian Association for Agricultural Economy, November 1st 2017.</p> <p>16. Kassem AZ, Hassanein TM, Mashhour AF, & Laban AA, "Estimating and Analyzing the Quality Costs Multiple Linear Regression Models: With an application to a UHT milk plant in Egypt", Egyptian journal of Agricultural Economics, Vol. (26), No (2:B), 2016.</p> <p>17. Kassem AZ, Hassanein TM, Mashhour AF, & Laban AA, Analyzing Quantity and Price Fluctuations in Production Supplies and Packaging Materials of UHT milk in Egypt during the period January 2011 - October 2012, Egyptian journal of Agricultural Economics, Vol. (26), No (2:B), 2016.</p> <p>18. Kassem AZ, Hassanein TM, Mashhour AF, & Laban AA, Quality Economics of UHT milk plants in Egypt, Zagazig J. Agric Res., Vol. 40 No. (2) 2013.</p> <p>19. Kassem AZ, Hassanein TM, Mashhour AF, & Laban AA, Economics of white and dry cheese processing, Zagazig journal of Agricultural Research, Vol. (32) No. (3), 2005.</p> <p>20. Diab, AM,, Kassem, AZ, Agricultural Development Report: Raising the Agricultural Resources and Productivity, INP, Cairo, 2019.</p> <p>21. Ragaei, HA,, Kassem, AZ, Social accountability and its role in the Regional Development", Institute of National Planning (INP), 2017.</p> <p>22. Sherbieny, EA, ... ,Kassem, AZ, The Marble Industry in Egypt-Relaity & Prospect: With Application on "Shaq Elthoban Industrial Area, INP, December, 2017.</p>
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